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Library	Sequence	Incidence
Ph.D.-12	HPLKQYWWPSI-----	22/26
Ph.D.-12	----PIWWKHSGGPIL-	1/26
Ph.D.-12	-----YWWRDAPVSQGR	1/26
Ph.D.-12	SYPTDKWWIKPG-----	1/26
Ph.D.-7	----VQWWRPPT-----	7/15
Ph.D.-7	----NWWRPPLP-----	1/15
Ph.D.-7	----GKWWVFD-----	1/15
Ph.D.-7	-VPTKPPW-----	1/15
Ph.D.-C7C	-----PWWKTSK-----	6/15
Ph.D.-C7C	-----PWWKASS-----	1/15
Ph.D.-C7C	---TPTWWRT-----	1/15
Ph.D.-C7C	--APTWWKS-----	1/15
Ph.D.-C7C	-----WWTASAR-----	1/15
Ph.D.-C7C	---SARWWQP-----	1/15

FIGURE 1

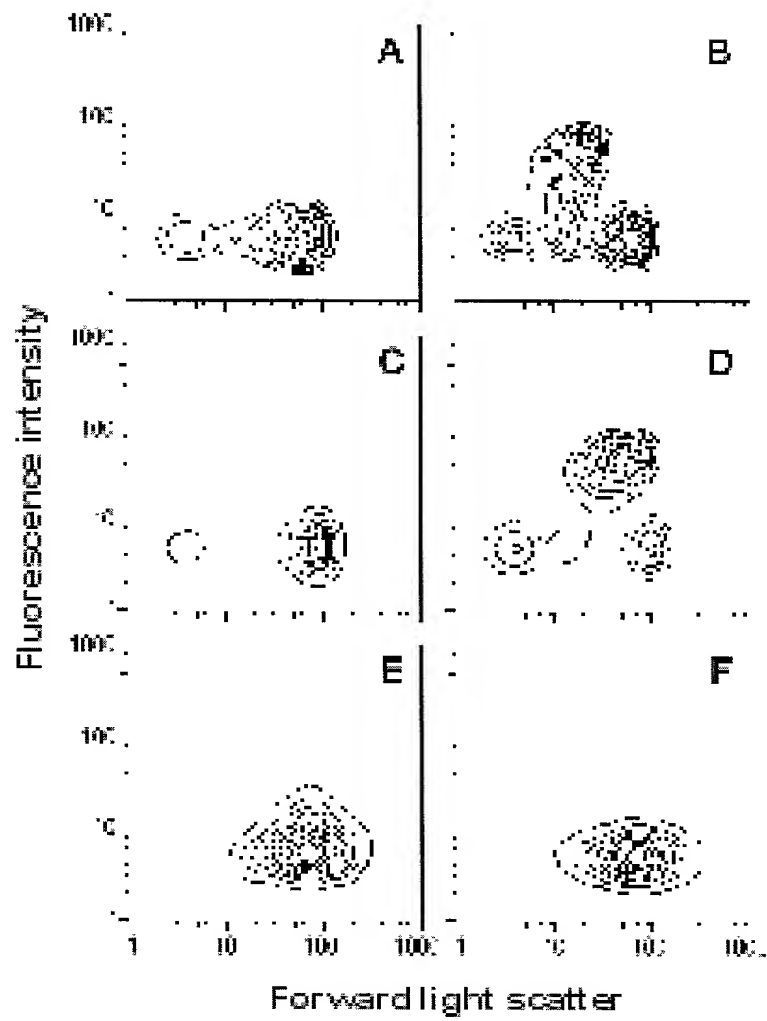


FIGURE 2

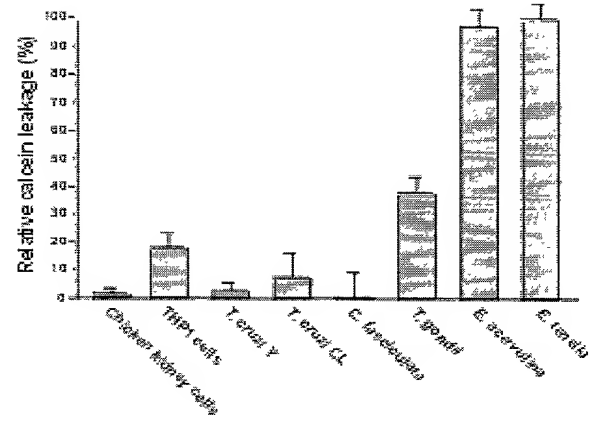
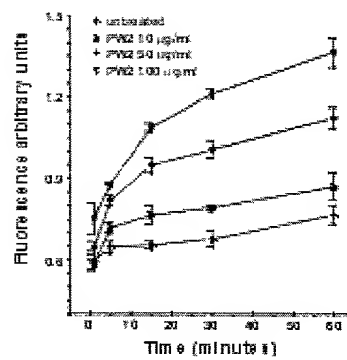
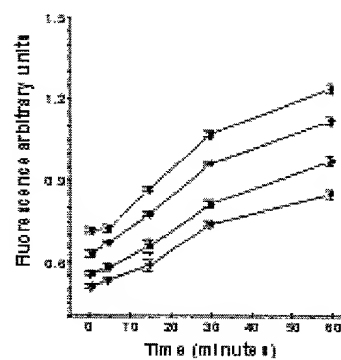
A**B****C**

FIGURE 3

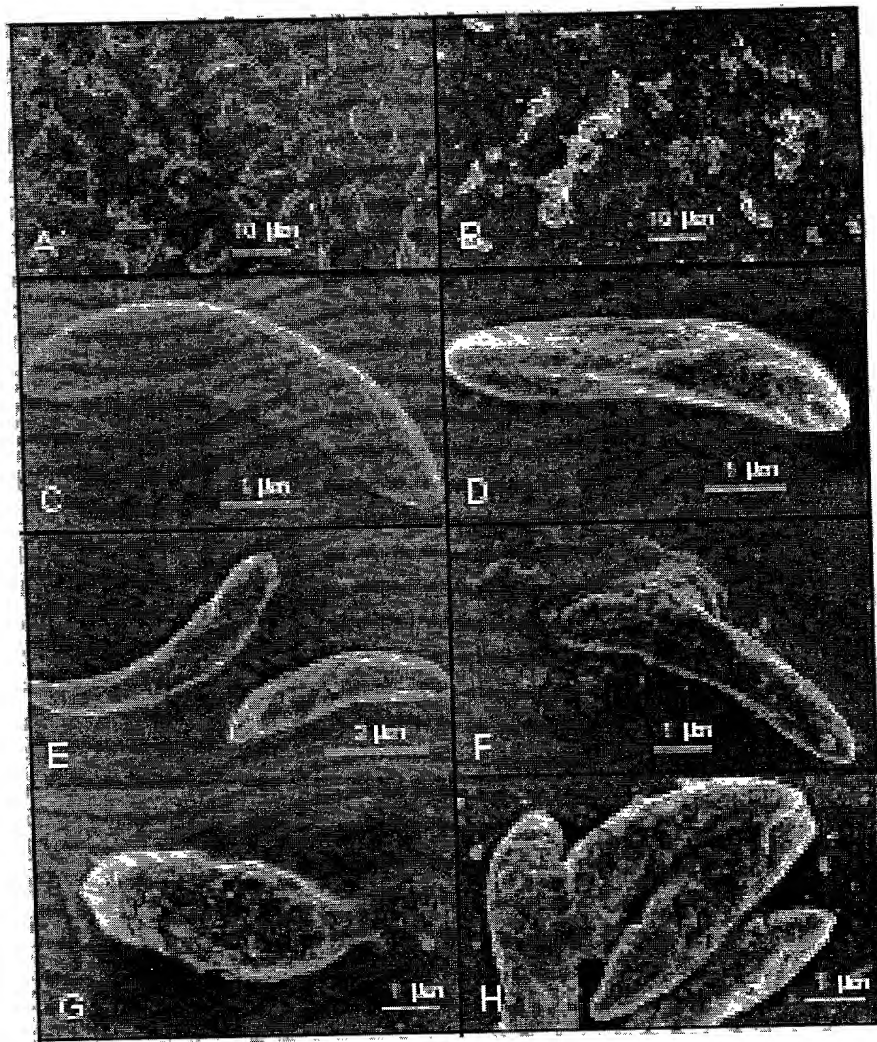


FIGURE 4

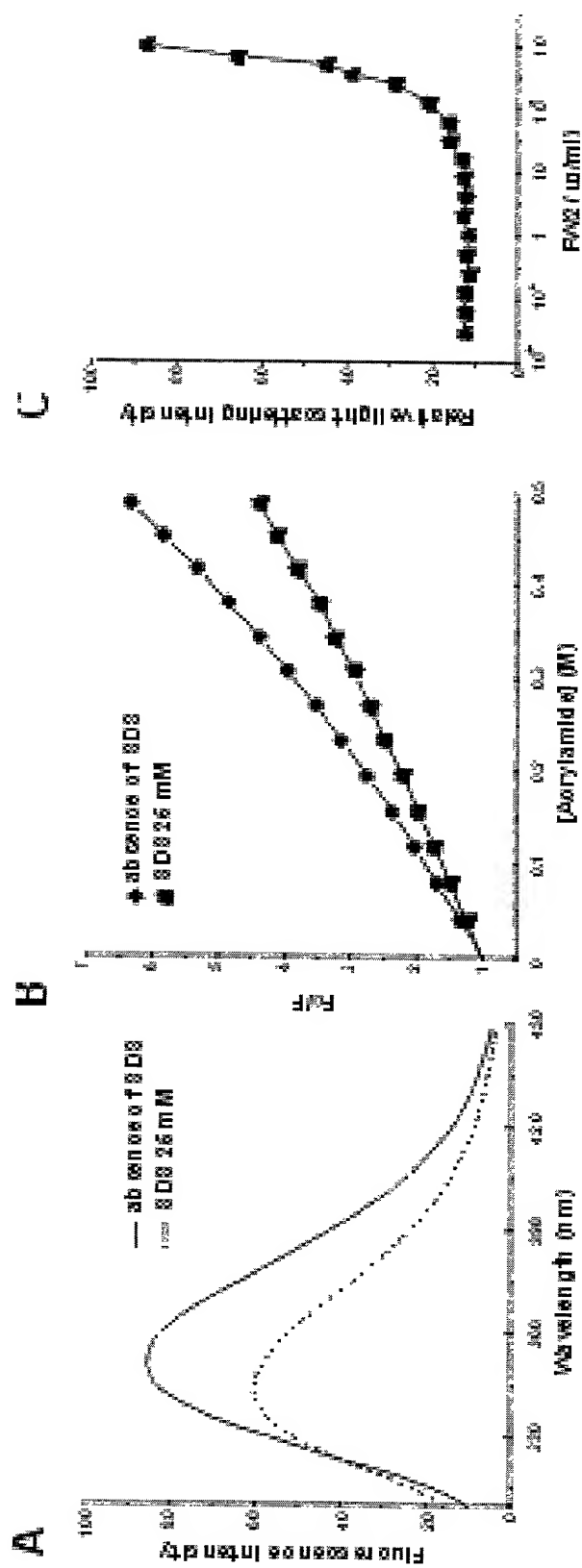
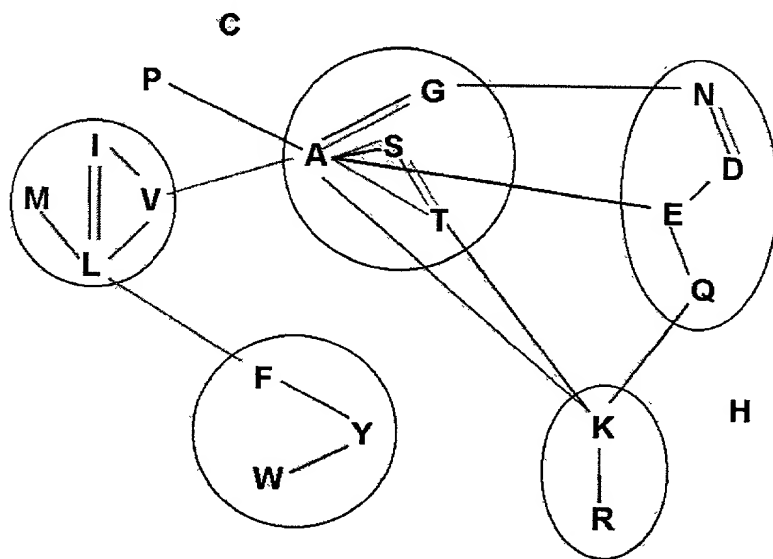


FIGURE 5

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Suggested Amino Acid Substitutions solvent exposed ($SEA^a > 30 \text{ \AA}^2$) / interior ($SEA^a < 10 \text{ \AA}^2$)



Amino acids connected by a solid line can be substituted with 95% confidence
(D. Bordo and P. Argos, J. Mol. Biol. 217(1991)721-729)

^aSEA=solvent exposed area

Figure 6